

Appl. No. 10/072,616
Amtd. Dated May 20, 2004
Reply to Office Action of February 20, 2004

Attorney Docket No. 81751.0028
Customer No.: 26021

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- A1
1. (Currently Amended) A display driver which drives a display section based on still-image data and moving-image data, the display driver comprising:
a ~~random~~ random access memory (RAM) from which still-image data is read out for each scan line;
a line memory in which is stored moving-image data in scan line units; and
a selector which selects and outputs one of a scan line output from the RAM and a line memory output for each column position, based on image determination data.
 2. (Original) The display driver as defined in claim 1,
wherein the image determination data is generated based on:
a column address for specifying a column position defining a display area that is driven on the basis of the moving-image data or the still-image data; and
a line address for specifying a position of a scan line defining the display area.
 3. (Original) The display driver as defined in claim 1,
wherein the image determination data is generated according to a column position defining a display area that is driven on the basis of the moving-image data or the still-image data, for each scan line.

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4. (Original) The display driver as defined in claim 3, further comprising:
a line data register which stores line data indicating whether or not the
display section is to be driven based on the moving-image data, at each scan line of
one column;

a column data register which stores column data indicating whether or not
the display section is to be driven based on the moving-image data, at each column
position of one scan line; and

an image determination data generation circuit which generates the image
determination data based on the line data and the column data, for each column
position of one scan line in the display section.

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Cmt 5. (Original) The display driver as defined in claim 1, wherein:

the RAM relates the image determination data that indicates whether or not
the display section is to be driven on the basis of the moving-image data, with at
least each column and stores the image determination data; and

the selector selects and outputs one of the scan line output from the RAM and
the line memory output for each column position, based on the image determination
data stored in the RAM.

6. (Original) The display driver as defined in claim 5, wherein:

the RAM stores the image determination data for each scan line; and

the selector selects and outputs one of the scan line output from the RAM and
the line memory output for each column position of each scan line, based on the
image determination data stored in the RAM.

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7. (Original) A display unit comprising:
a panel having electro-optical elements driven by a plurality of signal electrodes and a plurality of scan electrodes;
the display driver for driving the plurality of signal electrodes as defined in claim 1; and
a scan driver for driving the plurality of scan electrodes.
8. (Original) A display unit comprising:
a panel having electro-optical elements driven by a plurality of signal electrodes and a plurality of scan electrodes;
the display driver for driving the plurality of signal electrodes as defined in claim 2; and
a scan driver for driving the plurality of scan electrodes.
9. (Original) A display unit comprising:
a panel having electro-optical elements driven by a plurality of signal electrodes and a plurality of scan electrodes;
the display driver for driving the plurality of signal electrodes as defined in claim 3; and
a scan driver for driving the plurality of scan electrodes.
10. (Original) A display unit comprising:
a panel having electro-optical elements driven by a plurality of signal electrodes and a plurality of scan electrodes;
the display driver for driving the plurality of signal electrodes as defined in claim 4; and
a scan driver for driving the plurality of scan electrodes.

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11. (Original) A display unit comprising:
a panel having electro-optical elements driven by a plurality of signal electrodes and a plurality of scan electrodes;
the display driver for driving the plurality of signal electrodes as defined in claim 5; and
a scan driver for driving the plurality of scan electrodes.
12. (Original) A display unit comprising:
a panel having electro-optical elements driven by a plurality of signal electrodes and a plurality of scan electrodes;
the display driver for driving the plurality of signal electrodes as defined in claim 6; and
a scan driver for driving the plurality of scan electrodes.
13. (Original) A display panel comprising:
electro-optical elements driven by a plurality of signal electrodes and a plurality of scan electrodes; and
the display driver that drive the plurality of signal electrodes as defined in claim 1.
14. (Original) An electronic instrument comprising:
the display unit as defined in claim 7, and
an image data supply circuit which supplies the still-image data and the moving-image data to the display unit.

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15. (Original) An electronic instrument comprising:
the display unit as defined in claim 8, and
an image data supply circuit which supplies the still-image data and the
moving-image data to the display unit.

16. (Original) An electronic instrument comprising:
the display unit as defined in claim 9, and
an image data supply circuit which supplies the still-image data and the
moving-image data to the display unit.
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17. (Original) An electronic instrument comprising:
the display unit as defined in claim 10, and
an image data supply circuit which supplies the still-image data and the
moving-image data to the display unit.

18. (Original) An electronic instrument comprising:
the display unit as defined in claim 11, and
an image data supply circuit which supplies the still-image data and the
moving-image data to the display unit.

19. (Original) An electronic instrument comprising:
the display unit as defined in claim 12, and
an image data supply circuit which supplies the still-image data and the
moving-image data to the display unit.

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20. (Original) An electronic instrument comprising:
the display panel as defined in claim 13, and
an image data supply circuit which supplies the still-image data and the
moving-image data to the display panel.
21. (Original) A driving method which drives a display section based on a still-
image data and a moving-image data, comprising the steps of:
generating an image data for one scan line including the still-image data and
the moving-image data selected for each column position based on image
determination data; and
driving the display section based on the image data.